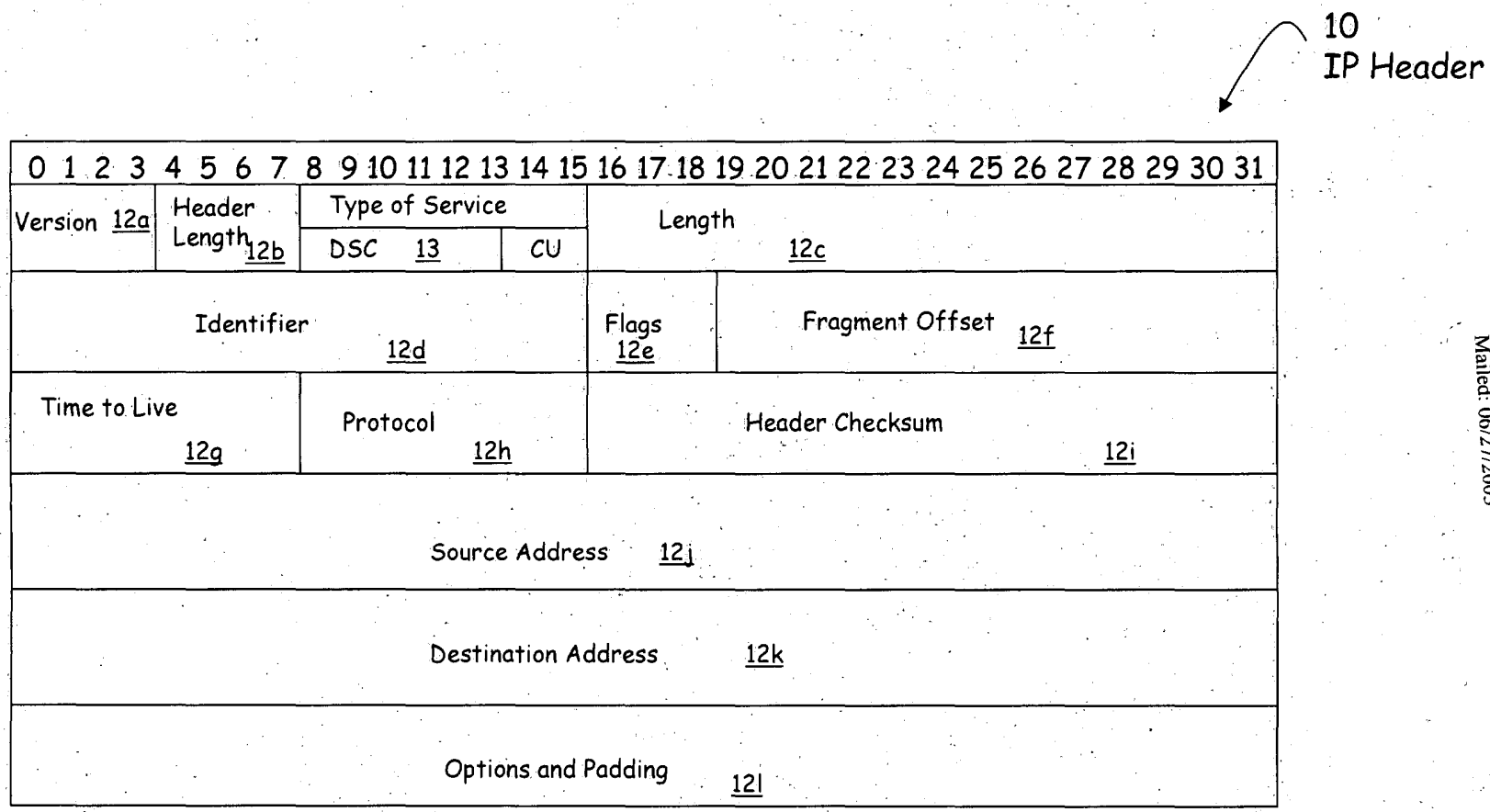


Figure 1

Express Mail: EV329723799US
Xiang
Method and Apparatus for Maintaining...
Attorney Docket: 120-038
Mailed: 06/27/2003

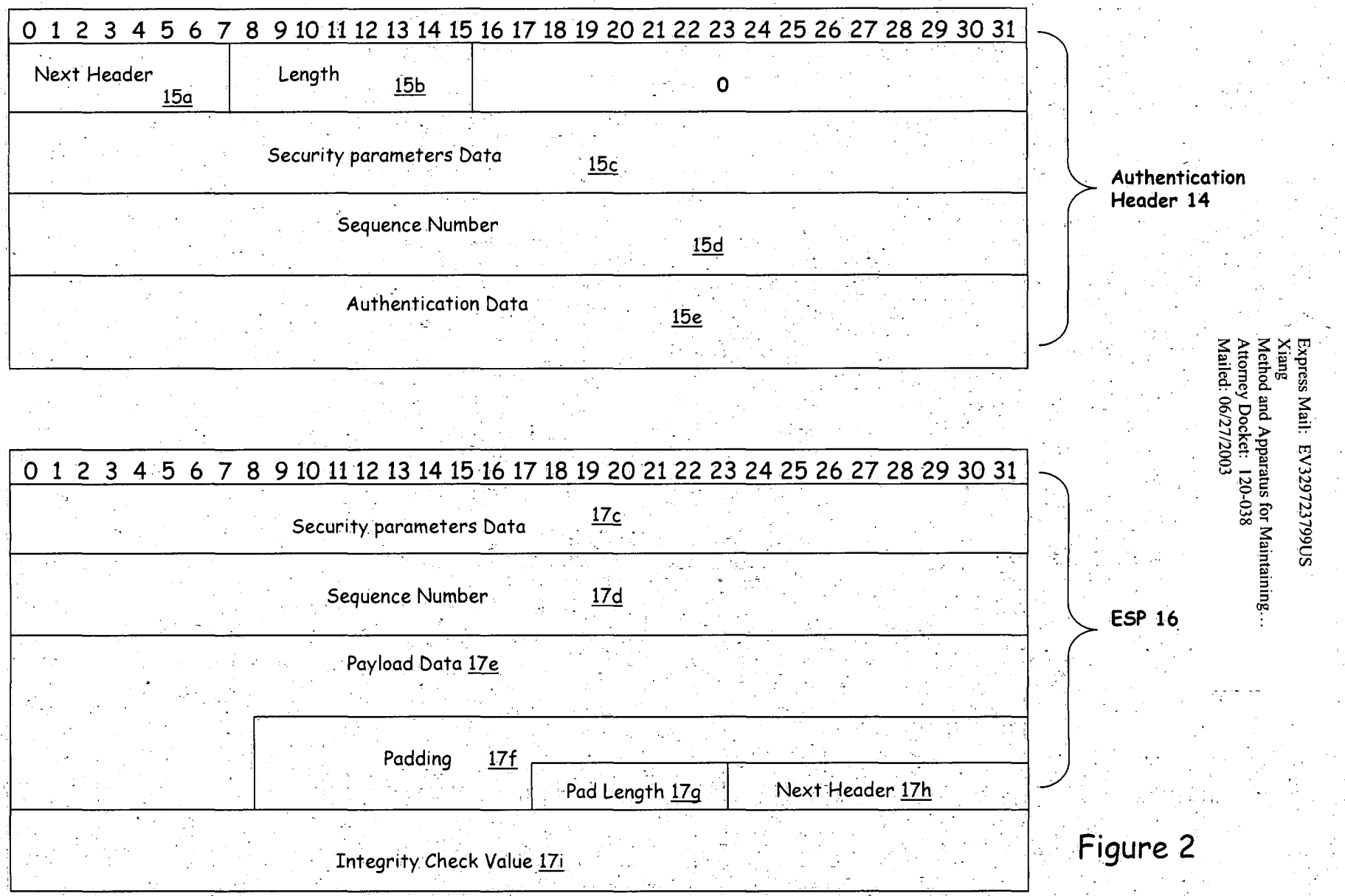


Figure 2

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Xiang
Method and Apparatus for Maintaining...
Attorney Docket: 120-038
Mailed: 06/27/2003

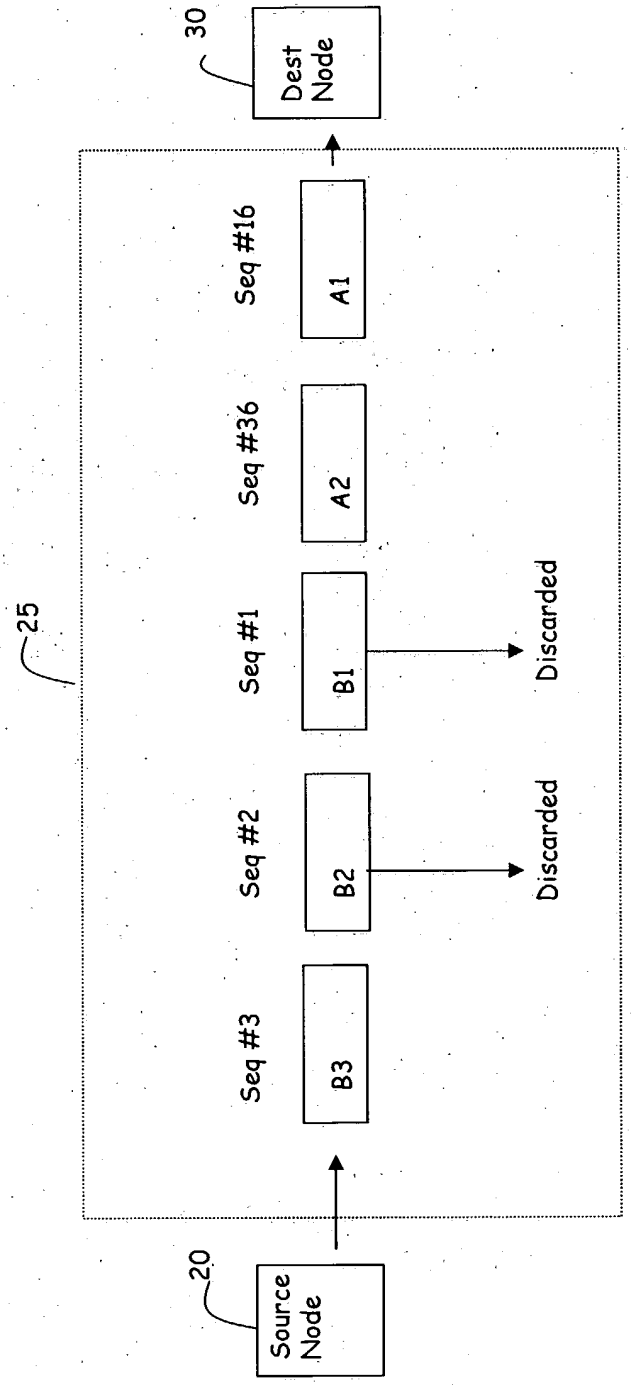


Figure 3

Prior Art

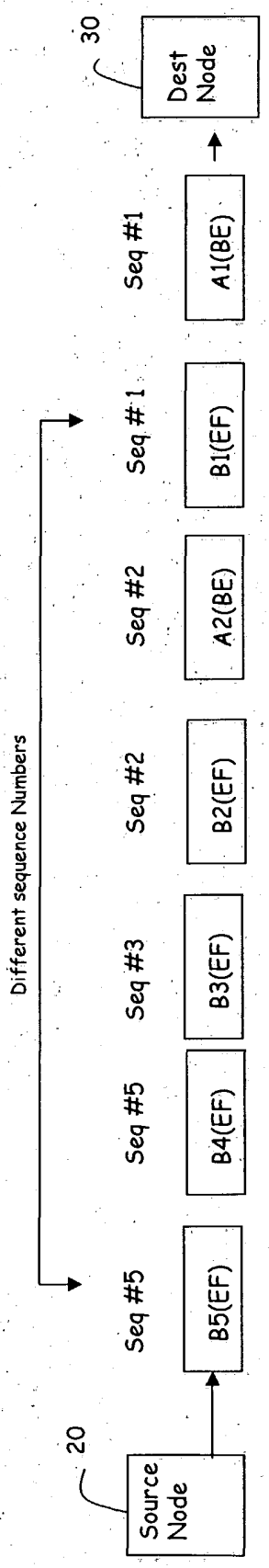
20
Source Node
Seq #5
B5(EF)
Seq #5
B4(EF)
Seq #3
B3(EF)
Seq #2
B2(EF)
Seq #2
A2(BE)
Seq # 1
B1(EF)
Seq #1
A1(BE)
30
Dest Node
Different sequence Numbers

Figure 4

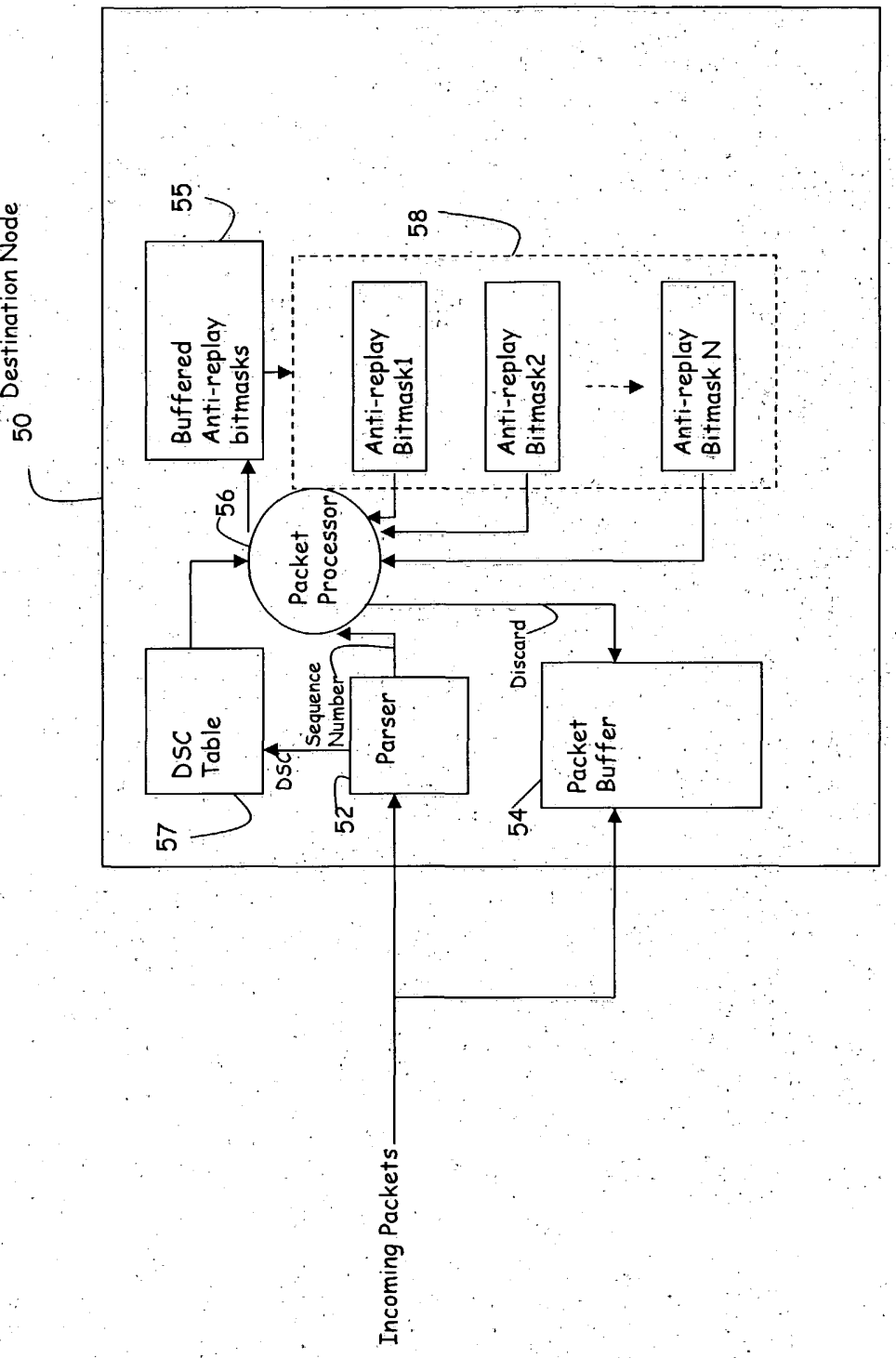
50 Destination Node
55
Buffered Anti-replay bitmasks
58
Anti-replay Bitmask1
Anti-replay Bitmask2
Anti-replay Bitmask N
56
Packet Processor
DSC Table
57
DSC
Sequence Number
Parser
52
Discard
Packet Buffer
54
Incoming Packets

Figure 5

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Method and Apparatus for Maintaining...
Attorney Docket: 120-038
Mailed: 06/27/2003

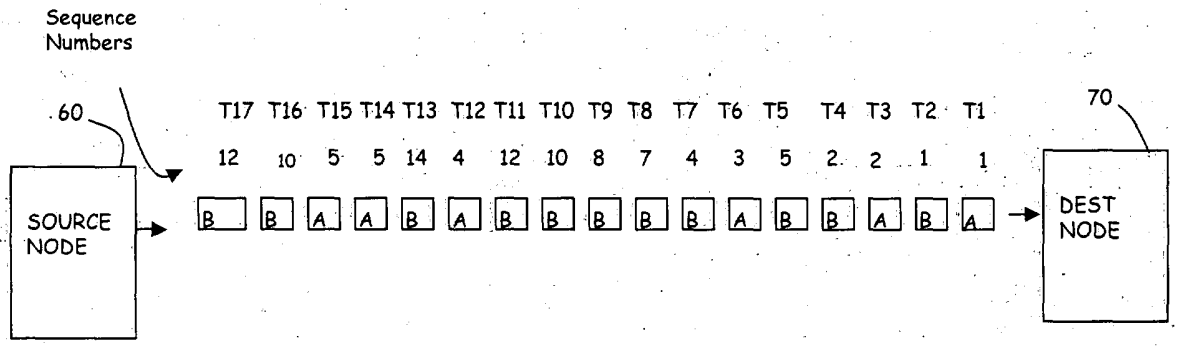


Table I

Stream A Bitmask

| Sequence Numbers | |
|---|---|
| T15 | 5 |
| T14 | 5 |
| T13 | 0 |
| T12 | 4 |
| T11 | 0 |
| T10 | 0 |
| T9 | 0 |
| T8 | 0 |
| T7 | 0 |
| T6 | 3 |
| T5 | 0 |
| T4 | 0 |
| T3 | 2 |
| T2 | 0 |
| T1 | 1 |

T16 Stream A Bitmask
11111

Table II

Stream B Bitmask

| Sequence Numbers | |
|---|---|
| T15 | 0 |
| T14 | 0 |
| T13 | 9 |
| T12 | 0 |
| T11 | 10 |
| T10 | 6 |
| T9 | 8 |
| T8 | 5 |
| T7 | 4 |
| T6 | 0 |
| T5 | 5 |
| T4 | 2 |
| T3 | 0 |
| T2 | 1 |
| T1 | 0 |

T16 Stream A Bitmask
101011011011

Figure 6